

1009 CIDER MILL DRIVE, GIBSONIA, PA 15044

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# NOAH ORELLANA

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## EDUCATION & ACADEMICS

### HS Diploma, Pine Richland High School (PRHS), Gibsonia, PA

Expected graduation date: June 2024

- GPA: 4.05 weighted, 3.65 unweighted
- SAT: 1450 (Math: 770, English: 680)
- AP Courses: Physics C, Computer Science A, Calculus BC, Statistics, Government and Politics, U.S. History, and European History
- High Honor Roll/Highest Honor Roll, 2020 to Present
- National Honor Society, 2022 to Present

## LEADERSHIP ACTIVITIES

### Chief Executive Officer, 2023 and 2024 Hack the Ram 12-Hour Invention Marathon, PRHS

September 2023 to Present

- Planned, organized and supervised annual event for 150 students from 14 school districts.
- Event included a coding competition, seminars, games, meals, awards ceremony and prizes.
- Secured \$8,000 in funding for the event each year, a 59% increase from 2022.
- Increased attendance to over 150 participants, up from 112 in 2022.

### President, Programming Club, PRHS

September 2023 to Present

- Plan/lead bi-monthly meetings.
- Develop and teach interactive seminars to club members.
- Recruit local STEM professionals to speak at meetings.
- Implemented middle-school outreach program.

## VOLUNTEER EXPERIENCE

### Peer Tutor, National Honors Society, PRHS

October 2022 to Present

- Provide one-on-one support to peers struggling with challenging concepts in Honors Pre-Calc, AP Computer Science and Honors Physics.
- Emphasized conceptual understanding to make students equipped for application.

## **Classroom Assistant, STEM Coding Lab, Latino Community Center, Pittsburgh, PA**

July 2023 to August 2023

- Helped elementary and middle school kids from impoverished areas to learn the fundamentals of robotics, circuits and programming through hands-on activities.

## **Programming Mentor, Programming Club, PRHS**

September 2021 to June 2022

- Assisted programming students with their problem sets and projects through weekly online help sessions.
- Emphasized logic-based problem solving.

## **Seminar Instructor/Volunteer, Hack the Ram, PRHS**

March 2022 to April 2022

- Developed and presented introductory Java & Python seminars for participants.
- Assisted participants with programming related questions and errors.

## **WORK EXPERIENCE**

### **Fulfillment Expert, Target, Gibsonia, PA**

July 2023 to Present

- Select items from the sales floor for customer pickup orders.
- Securely prepare and ship online orders.
- Provide customer service and help customers locate items.

### **Customer Service Associate, The UPS Store, Gibsonia, PA**

August 2021 to July 2023

- Packed and shipped items for customers.
- Fulfilled print and design orders.
- Sorted and processed mail and packages.

### **Crew Member, McDonald's, Gibsonia, PA**

June 2021 to August 2021

- Took and prepared orders for customers at the drive-thru.
- Worked as part of a team in a fast-paced environment.

## **MUSIC/ARTISTIC ACHIEVEMENT:**

### **Musical Pit Orchestra Guitarist, PRHS**

February to March 2024

- Covered guitar parts for the Pine-Richland production of "Mamma Mia".

## **House Band Guitarist, School of Rock, Wexford, PA**

August 2020 to January 2024

- Member of audition-based band selected to represent the school. Performed several live shows a month at local community events and music venues.

## **PROFESSIONAL AFFILIATIONS:**

### **Society of Hispanic Professional Engineers (SHPE), Student Member**

December 2023 to Present

### **National Society of Professional Engineers (NSPE), Student Member**

March 2024 to Present